Network Working Group
Request for Comments: 980

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Protocol Document Order Information

STATUS OF THIS MEMO

This RFC indicates how to obtain various protocol documents used in the DARPA research community. Included is an overview of the new 1985 DDN Protocol Handbook and available sources for obtaining related documents (such as, DoD, ISO, and CCITT). Distribution of this memo is unlimited.

DOD INTERNET PROTOCOL DOCUMENTS:

How to get the Requests for Comments (RFCs):

RFCs are the working memos of the DARPA research community. The subjects may include protocol specifications, interface definitions, program descriptions, policy statements, trouble reports, algorithms, announcements, and humor. These may range from wild ideas and crazy suggestions, to firm specifications.

The normal method for distribution of RFCs is for interested parties to copy the documents from the DDN Network Information Center's (NIC) online library using FTP. Public access files may be copied from the RFC directory on the SRI-NIC.ARPA host computer via FTP with username ANONYMOUS and password GUEST. The pathname of RFC nnn is RFC:RFCnnn.TXT.

Requests for special distribution should be addressed to either the author of the RFC in question or to NIC@SRI-NIC.ARPA. Unless specifically noted otherwise on the RFC itself, all RFCs are for unlimited distribution.

For hardcopy distribution from the NIC there is a charge of $5 for each RFC that is less than 100 pages, and $10 for each RFC that is 100 pages or more to cover the cost of postage and handling (check, money order, or purchase order accepted).

Order From:

SRI International (SRI-NIC)
DDN Network Information Center
Room EJ291
333 Ravenswood Avenue
Menlo Park, CA 94025
Phone: 1-415-859-3695
1-800-235-3155

How to get the Protocol Handbook - 1985:

It has been about 5 years since the release of the Internet Protocol Transition Workbook (IPTW) and the related documents which were issued as a document set for implementors of TCP/IP and related application protocols. These were issued to assist the NCP-to-TCP transition which took place in early 1983. Since that time the network has undergone many changes, the most noteable being the creation of the Defense Data Network (DDN) and the ARPANET/MILNET split, leaving the ARPANET as a research and development network, and MILNET as an operational military network.

An updated and much expanded version of the IPTW is needed to reflect these changes, and the 1985 DDN Protocol Handbook is a response to this need. The cost is $110 domestic, and $130 foreign, including 4th class postage (check, money order, or purchase order accepted).

The 1985 DDN Protocol Handbook is divided into three volumes:

1. The first volume includes Military Standard (MIL STD) protocols as well as administrative guidelines pertaining to the MILNET portion of the DDN.

2. The second volume includes the DARPA Internet protocols as well as administrative guidelines pertaining to the ARPANET portion of the DDN. Most of these protocols have also been issued as RFCs.

3. The third volume contains several background articles, implementation guidelines, and additional protocol specifications. This volume is relevant to both portions of the network, and should be used in conjunction with the other two volumes.

The Table of Contents of the three volumes is given in Appendix A.

Order From:

SRI International (SRI-NIC)
DDN Network Information Center
Room EJ291
333 Ravenswood Avenue
Menlo Park, CA 94025
Phone: 1-415-859-3695
1-800-235-3155

How to get the Old Protocol Workbook - 1982:

The 1982 edition of the Protocol Handbook is a five volume set. These documents were distributed in hardcopy by the NIC, but are now out of print. Many of the protocols are also RFCs which are available online or in hardcopy from the NIC. The complete documents may be obtained from the National Technical Information Service (NTIS), or the Defense Technical Information Service (DTIC). The documents and their NTIS order numbers are:

Internet Protocol Transition Workbook (IPTW)	ADA153607
Internet Protocol Implementation Guide (IPIG)	ADA153624
Internet Mail Protocol	ADA153625
Internet Telnet Protocol and Options	not deposited
Miscellaneous Protocol	not deposited

Order From:

National Technical Information Service (NTIS)
5285 Port Royal Road
Springfield, VA 22161
Phone: 1-703-487-4650 (order desk)

Or

Defense Technical Information Center (DTIC)
Cameron Station, Bldg. 5
Alexandria, VA 22314
Phone: 1-703-274-7633

How to get the MIL STD Internet Protocol Documents:

Several of the Internet protocol documents have been issued as military standards (MIL-STDs). The MIL-STDs listed below are the official DoD versions of these commmunication protocols and should be consulted for any implementations. These documents are available from the Naval Publications and Forms Center. Requests can be initiated by telephone, telegraph, or mail; however, it is preferred that private industry use form DD1425, if possible. These five documents are included in the 1985 DDN Protocol Handbook.

Internet Protocol (IP)	MIL-STD-1777
Transmission Control Protocol (TCP)	MIL-STD-1778
File Transfer Protocol (FTP)	MIL-STD-1780
Simple Mail Transfer Protocol (SMTP)	MIL-STD-1781
Telnet Protocol and Options (TELNET)	MIL-STD-1782

Order From:

Naval Publications and Forms Center, Code 3015
5801 Tabor Ave
Philadelphia, PA 19120
Phone: 1-215-697-3321 (order tape)
1-215-697-4834 (conversation)

There may also be brokers in your area that will handle orders for MIL-STDs. One such vendor for MIL-STD documents is Global Engineering.

Relationship between the RFC versions and the MIL STD versions:

The ARPA community specifications for IP (RFC-791) and TCP (RFC-793) and the DoD specifications above are intended to describe exactly the same protocols. Any difference in the protocols specified by these sets of documents should be reported to DCA and to DARPA. The RFCs and the MIL-STDs for IP and TCP differ in style and level of detail. It is strongly advised that the two sets of documents be used together. The ARPA and the DoD specifications for the FTP, SMTP, and Telnet protocols are essentially the same documents (RFCs 765, 821, 854). Note that the current ARPA specification for FTP is RFC-959. The MIL-STD versions have been edited slightly. Implementers should also check the "Official Protocols" memo for comments on protocol status or pending changes (RFC-961). DDN implementators should

watch for DDN Management Bulletins (available from the NIC) which may announce policy changes with respect to the status of protocols on the DDN.

OTHER PROTOCOL DOCUMENTS

ISO Protocol Documents:

Approved ISO standards, and ISO draft standards at either the DP or DIS level, are available from the American National Standards Institute (ANSI) in New York.

Order From:

American National Standards Institute
1430 Broadway
New York, NY 10018
Phone: 1-212-642-4900

There may also be brokers in your area that will handle orders for ISO documents. One such vendor of ISO documents is OMNICOM.

CCITT Protocol Documents:

The approved CCITT Recommendations are published by the International Telecommunications Union (ITU) in Geneva.

Order From:

United Nations Bookstore
Room GA 32B
New York, NY 10017

Most of the Red book (1984) is available, including all but one of the X series. The useful volumes are:

VIII.1	V Series	$43.20
VIII.2	X.1 - X.15	8.60
VIII.3	X.20 - X.32	44.30
VIII.4	X.40 - X.181	46.40
VIII.5	X.200 - X.250	50.80
VIII.6	X.300 - X.353	10.80
VIII.7	X.400 - X.430	not available yet

No shipping charge for over 5 books via UPS. First Class $1.00 per book. Check with order only.

All the ISO protocols are in the X.200 to X.430 area.

There may also be brokers in your area that will handle orders for ISO documents. One such vendor of CCITT documents is OMNICOM.

NRC Report

The National Research Council's Report to the Department of Defense and the National Bureau of Standards entitled "Transport Protocols for Department of Defense Data Networks".

This was originally published by the National Academy Press, February 1985. The Executive Summary is RFC-939. The complete report is RFC-942.

DOCUMENT BROKERS

We list here some document brokers as a convenience. There may be other brokers that should be listed, if so please let us know and they will be listed in future editions.

Global Engineering:

Global Engineering Documents
2625 Hickory Street
Santa Ana, CA 92707
Phone: 1-800-854-7179

OMNICOM:

OMNICOM, Inc.
501 Church Street, NE
Suite 206
Vienna, VA 22180
Phone: 1-703-281-1135

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